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WSU Research News

Office of the Vice Provost for Research

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Office of Research and Sponsored Programs, Wright State University

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RESEARCH NEWS

From the Office of Research and Sponsored Programs

Spring 1993 Vol 25 No 2

356 Fawcett Hall

RESEARCH CHALLENGE AWARDS FOR 1993-94

The state of Ohio has recognized the key role played by basic and applied research in both short and long term economic development.

The Research Challenge Program, funded by the Ohio Board of Regents, is intended to help faculty develop and submit competitive proposals for basic and applied research. The state of Ohio has recognized the key role played by funded research in both short and long term economic development. Research Challenge is one part of the state's efforts to support research at the state universities. This program provides important financial support to the partnerships developed between Wright State University, federal and state governments and private industries. The following faculty have been selected for support this year:

NEW FACULTY SUPPORT AND CONTINGENCY PROJECTS

Dean, Jay	SM	Neuronal Sensitivity to Hypoxia, Hypercapnia and Acidosis	25,072
Loi, Phan	SM	Automorphisms of Subfactors	12,000
Fyffe, Robert	SOM	Cellular and Synaptic Mechanisms of Renshaw Cell	25,000
Ye, Nong	SM	Deriving Human-Computer Interaction Styles	20,000
Chandler, Mark	SM	Characterization of <i>crp</i>	25,000
Mazey, Mary Ellen	LA	Challenge 95	25,000
Grandhi, Ramana	ECS	Support for Research Targeted for External Contracts	7,200
Olson, James	SOM	Measurement of Brain Water Movements Using NMR	14,453
Maurana, Cheryl	SOM	Biomedical Research Support Grant/Cost Share	20,000
Cheng, Songlin	SM	Support for Summer Graduate Research Assistant	4,311

EARLY START/AUGMENTATION PROJECTS

Batata, Al	SOM	Characterization of Chronic Lymphoid Leukemia Subtypes	25,000
Corbett, Adrian	SM	A Model for the Initiation of Contraction in Muscle	11,331
Wellens, Rita	SOM	Assessing Cardiovascular Risk Factors in Black Women	21,990
Prochaska, Lawrence	SM	Energy Conservation in Heart Cytochrome c Oxidase	14,500
Siervogel, Roger	SOM	Augmentation: Fels Longitudinal Study-Server System	25,000
Rote, Neal	SM	Mechanisms of Cytotrophoblast Differentiation	25,000
Tiernan, Thomas	SM	Mechanism of Alkaline Dechlorination Reactions	25,000
Goldstein, David	SM	Regulation of Avian Water and Electrolyte Balance	16,400
Backs, Richard	SM	Aging, Energetics, and Cognitive Performance	25,000
Burton, G. Allen	SM	Assessment of Stormwater Effects on Receiving Waters	17,500
Nagy, Allen	SM	Mechanisms of Color Discrimination	18,306
Chen, Philip	ECS	Rapid Features Sequencing for Rapid Design System	21,011
Chen, Henry	ECS	VLSI VHDL Behavioral BIST Synthesis System	21,435
Weiss, Isaac	ECS	Ductile Phase Toughened Composites of Refractory Silicides	25,000
Grandhi, Ramana	ECS	Computational Aeromechanics	25,000
Faghri, Amir	ECS	Gas-loaded High Temperature Micro Heat Pipe Analysis	24,906
DeStephen, Dan	LA	Center for Labor-Management Cooperation	15,000

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Notes from the Director

Another Record Year!

The awards from the Research Challenge, Research Initiation, and Professional Development grants, as well as the on-going Research Travel program, are part of Wright State's efforts to promote and enhance faculty efforts to obtain external support for research and other scholarly activities. One measure of Wright State's success in accomplishing this is its continued strong growth in external funding.

Over the past five years, external funding has grown from \$11.1 million to over \$20 million. Through April 30 of this year, faculty and staff have already received in excess of \$20.7 million. This is more than was received in all of last fiscal year. Congratulations to all who have received external funds and we encourage those with unfunded proposals to consult with us about resubmission.

Best Wishes

We would like to congratulate Mr. Denny Anderson on his recent appointment to the staff at Texas A&M University - Kingsville Campus. During his two and one half years with

RSP, Denny provided excellent services to faculty and staff in the administration of grants and contracts. A special thanks to Denny for making the transition of responsibilities for post-award administration from Financial Services to RSP effective.

Welcome

It is with great pleasure that we welcome Ms. Lori Gabriel to the staff of RSP to take over Denny's duties as Assistant Director. Lori holds a B.S. in Accounting from Wright State University and joins the staff after being Assistant to the Dean in the College of Science and Mathematics.

With Lori's experience here at WSU and her educational background, I am certain that she will be a fine addition to our staff. I know you will join the RSP staff in making Lori feel welcome.

Introducing...

I would like to introduce a future staff member who will join RSP in August. Mr. Thane Peterson will be coming on board as an Assistant Director. In his position as Coordinator of Sponsored Programs at Iowa State University,

Thane coordinated the procurement, dissemination, and promotion of federal and non-federal grant and contract opportunities. He also holds a B.B.A. in Finance from Iowa State.

Here at WSU, Thane will provide research promotion and development by assisting faculty in locating funding opportunities. He will also be responsible for working with faculty in the preparation and submission of proposals.

We anticipate utilizing Thane's expertise fully at Wright State. I am sure you will join us in making him feel welcome here at WSU and in our community.

Grant Tip

Preproposal Contacts

Preproposal contact is one of the most important things you can do to improve your chances of being funded. Most federal program officers welcome preproposal contacts. Non-federal sponsors may or may not welcome such contacts. RSP can provide suggestions and information about your potential sponsor.

The critical elements in preproposal contacts are:

- Gather information about the sponsor
- Contact the Program Officer

RSP has copies of guidelines and other information about sponsors. Study this information carefully. If possible, contact one of this sponsor's past grant recipients or a person who has served as a reviewer for the agency.

Armed with this information, call the program officer. Ask if your idea fits the sponsor's priorities and determine if your anticipated project budget fits the sponsor's funding pattern. For other questions to ask program officers, call me at ext. 2425.

Overview of the Office

The Office of Research and Sponsored Programs (RSP) works with faculty and staff to increase externally funded research and other sponsored programs. RSP staff provides the following services:

- Identification of External Sources of Funding
- Dissemination of Funding Information
- Liaison with Sponsors
- Proposal Development and Preparation
- Budget Preparation
- Institutional Compliance
- Institutional Authorization
- Proposal Transmittal
- Contract Negotiations
- Post Award Administration of Externally Funded Programs

- Administration of Internally Funded Programs
- Technology Transfer
- Government Security

Research News and *Funding Update* are publications of RSP. *Research News*, published periodically during the academic year, covers grant awards and related topics of interest. Descriptions and deadlines of upcoming programs are listed in RSP's monthly bulletin, *Funding Update*.

If you would like to be placed on the mailing list or would like further information on funding opportunities, application procedures, or other services provided by the office, please call us (ext. 2425) or visit the office in 356 Fawcett Hall.

Patents and Technology Transfer

Publishing the results of your work can adversely affect your rights as an inventor. It is generally well known that an inventor has one year in which to file a U.S. patent application following disclosure of the information by publication. Less well known is that this same disclosure may eliminate any possibility of obtaining foreign patents.

What is lost?

An inventor forfeits rights to a U.S. patent if an "enabling" publication is released more than one year prior to the time the patent application is filed.

What is an "enabling" publication?

- The publication must describe the invention in sufficient detail and specificity to allow a person of ordinary skill at that time to make, construct and practice the invention without an unreasonable amount of experimentation.
- It need not describe details which would be obvious to someone who is skilled in that art at that time.
- In the case of a new chemical compound described by name or structural formula, the publication is not enabling unless a method of making the compound is either described in the publication or is obvious to one skilled in that art at that time. However, a subsequently published method of making the compound may make the original publication enabling as of the date of the subsequent publication.

What is meant by "publication"?

- The document must be made publicly available and accessible, at least to that segment of the public skilled in the art or trade to which the invention relates.
- The degree of public accessibility and dissemination required to qualify as "publication" depends upon the type of documents in question and the circumstances of their distribution.

What are some examples of publications which have limited distribution, but have qualified as "publications"?

- Single copies of books, periodicals, university theses and dissertations, microfilms and slides deposited and shelved in a public library, provided that they have been properly catalogued or indexed.
- Preprints or printed abstracts of scientific or technical papers distributed to participants at a scientific or technical meeting.
- Documents circulated among a rather limited number of commercial organizations without any confidentiality agreement or restriction on their use.
- Manufacturers' catalogs, brochures, flyers, leaflets, and the like, distributed generally to the relevant trade.

What about oral or handwritten disclosures?

- Generally, disclosures must be in a "printed" form.
- Under U.S. law, oral disclosures per se have no effect, even when accompanied by slide presentation.
- Publication must be of a tangible form that is customarily used to make a large number of copies.

—Handwritten documents generally do not qualify as "printed". Exception to this rule is made where the document is in a language which is characteristically handwritten due to its pictorial style and vast number of characters, e.g., Japanese.

—Drawings in readily reproducible form qualify as "printed."

—Typewritten documents qualify as "printed."

—Microfilms and slides themselves qualify as "printed," but their mere projection on a screen (e.g., accompanying an oral presentation) does not.

How else can I lose patent rights?

Patent rights can also be lost by divulgation.

What is divulgation?

Divulgation can be interpreted as any non-confidential disclosure of the critical aspects of an invention by means of a written or oral description, by use, or in any other way. Merely displaying the invention (where the critical features of the invention are readily discernible) will amount to divulgation. Distributing samples of the invention (e.g., a compound), where the critical features of the invention are discoverable by analysis, will amount to divulgation, even if it could be proven that analysis had never actually taken place.

What is lost?

Under foreign laws (most countries other than the U.S.), an inventor forfeits rights to patents if the invention is divulged prior to filing a U.S. patent application.

How do I preserve my patent rights and still publish or talk about my work?

Simply file a U.S. patent application before you publish or divulge your invention.

You may publish or talk about your invention after you have filed a U.S. patent application and not forgo any foreign patent rights. However, you must file corresponding foreign patent applications on this invention within one year of the date of your U.S. application.

Based in part on an article by Research Corporation Technologies. Used with permission.

Awards

The grants and contracts on these pages were awarded from November 1992 through February 1993

ADMINISTRATION

Hutzel, Willard
Ethernet Equipment
Miami Valley Research Institute
\$20,000

COLLEGE OF BUSINESS AND ADMINISTRATION

Premus, Robert and
Hannen, Russell
Technology Assessment Reports
Ohio Advanced Technology
Center
\$12,000

Staley, Samuel
Economic Development Action
Plans
Clay Township
\$2,500

Staley, Samuel
Economic Development Action
Plans
Perry Township
\$2,500

COLLEGE OF EDUCATION AND HUMAN SERVICES

Courtney, Donna
Vocational Ed Personnel
Development Regional Center
Ohio Department of Education
\$298,325

Leake, John
Improvement of Rural Science
Teaching
Ohio Board of Regents
\$52,025

Messner, Phillip
Lotus 1, 2, 3 Training
Acu Star, Inc.
\$1,500

COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

Bethke, Richard
Ohio Aerospace Institute
Fellowships
Ohio Aerospace Institute
\$21,000

Chen, Chien-In Henry
VHDL in VLSI BIST Design
Synthesis
Research and Development
Laboratories
\$20,000

Chen, Jer-Sen
Detection and Recognition
Tasks/Thermal Imaging
Research and Development
Laboratories
\$20,000

Chen, Jer-Sen
Geometric Computation Engine -
Paydirt Sitework Software
Spectra-Physics Laserplane, Inc.
\$21,804

Chen, Jer-Sen
Effects of Low Update Rates on
Visual Displays
Logicon Technical Services, Inc.
\$23,006

Dadras, Parviz
Diffusion Bonding of Ti Ion
Space Exploration Associates, Inc.
\$2,500

Faghri, Amir
Micro Heat Pipe Technology in
Electronic Cooling
USAF: Wright Laboratory
\$128,613

Faghri, Amir
Modeling of High Temperature
Heat Pipe
USAF: Wright Laboratory
\$110,000

Fautheree, David and
Rader, Cynthia
Financial Management Advisor
Miami Valley Research Institute
\$3,845

Fautheree, David
Learning System Pilot Aiding
Project
Lear Siegler Management Services
Corp.
\$7,492

Gallimore, Jennie
Automatic Brightness Control
MTL Systems
\$11,261

Gallimore, Jennie;
Chen, Chun-Lung; Ye, Nong; and
Chen, Jer-sen
3-D Effects and the Design of
Large-Scale Manufactured Objects
Office of Naval Research
\$252,751

Garber, Fred; Xue, Kefu; and
Hong, Lang
Radar Target Identification
USAF - Wright Laboratory
\$40,014

Grandhi, Ramana
Process Control of Microstructure
in Manufacturing
USAF: Wright Laboratory
\$48,237

Jean, Jack
Laser Imaging and Ranging
Processing
Research and Development
Laboratories
\$20,000

Kazimierczuk, Marian
Synthesis Analysis and Design/
Resonant DC/DC Converters
National Science Foundation
\$15,000

Kirby, Kevin
Neural Network Applications
Workshop (III)
Miami Valley Research Institute
\$1,431

Lipsitt, Harry
Properties of a New Ti-Al Base
Alloy
Allied-Signal, Inc.
\$2,000

Lipsitt, Harry
Phase Stability in Titanium
Aluminide Base Castings
Howmet Turbine Components
Corp.
\$16,095

Reynolds, David
Simulation of the Motion of Single
and Linked Ellipsoids
Research and Development
Laboratories
\$20,000

Shaw, Arnab
Digital Signal Processing
Algorithms
Research and Development
Laboratories
\$20,000

Shaw, Arnab
Digital Micro-Wave Receivers/System
Identification
Air Force Office of Scientific Research
\$49,778

Shock, Robert
Library Modeling Browser
Science Applications International
Corp.
\$50,971

Srinivasan, Raghavan
Isothermal Compression Testing
Allison Gas Turbine Div.
\$5,760

Ye, Nong
Decision Support Systems and
Machine Fault Diagnosis
National Science Foundation
\$40,000

**SCHOOL OF
GRADUATE STUDIES**

Look, David
Advanced Semiconductor Materials
and Devices
USAF: Wright Laboratory
\$400,000

Sanville, Thomas
Ohio LINK
Ohio Board of Regents
\$1,009,800

LAKE CAMPUS

Knapke, Thomas
Small Business Development Center
Ohio Department of Development
\$69,712

**COLLEGE OF
LIBERAL ARTS**

DeStephen, Daniel
Quality Through Cooperation
City of Zanesville
\$15,582

DeStephen, Daniel
Partnerships-in-Safety
Ohio Bureau of Workers'
Compensation
\$91,640

Dustin, Jack
Jefferson Township Economic
Development Action Plan
Jefferson Township
\$3,686

Mazey, Mary Ellen
Urban Projects - Urban Universities
Linkage
Ohio Board of Regents
\$102,406

Griffin, Paul
Sanders Scholar
Sanders Committee
\$55,624

**PAUL L. DUNBAR
LIBRARY**

Hirshon, Arnold
Conversion of Bibliographic Records
for Inclusion in Ohio LINK System
Ohio Board of Regents
\$22,644

**SCHOOL OF
MEDICINE**

Arnold, William
Evaluation of Thrombogenicity of
Modified Polyurethanes
Bio-Metric Systems, Inc.
\$11,061

Bienefeld, David
Double-Blind Study in Outpatients
with Major Depression
Pfizer, Inc.
\$15,000

Boska, Michael and Glaser, Roger
Development of Chemical Energy
Assays in Muscle
Whitaker Foundation
\$56,197

Fortunato, Stephen
Clinical Trial of New Treatments for
Infection
Merck Sharp and Dohme, Inc.
\$16,600

Fyffe, Robert
Mechanisms of Renshaw Cell
Mediated Recurrent Inhibition
National Institutes of Health - NINDS
\$204,025

Gillig, Paulette and Rudisill, John
Job Description for the Psychiatrist of
the Future
Ohio Department of Mental Health
\$3,650

Glaser, Roger
Intergovernmental Personnel
Agreement - Brewster
Dayton Area Veterans Affairs Medical
Center
\$2,493

Glaser, Roger
Intergovernmental Personnel
Agreement - Mills
Dayton Area Veterans Affairs Medical
Center
\$13,752

Glaser, Roger
Intergovernmental Personnel
Agreement - Almeyda
Dayton Area Veterans Affairs Medical
Center
\$21,580

Glaser, Roger
Intergovernmental Personnel
Agreement - Couch
Dayton Area Veterans Affairs Medical
Center
\$32,370

Glaser, Roger and Goldenberg, Kim
Intergovernmental Personnel
Agreement - Glaser
Dayton Area Veterans Affairs Medical
Center
\$87,929

Guo, Shumei and Roche, Alexander
Provision of Growth Charts for
Preterm Infants
Ross Laboratories
\$20,000

Hamilton, Glenn
Medicaid Access Study Group
University of Tennessee
\$4,469

Lucot, James
Medication Screening - Lilly
Eli Lilly and Company
\$26,775

Nahhas, William
Support for Experimental Cancer
Treatment
University of Cincinnati/Gynecologic
Oncology Group
\$1,100

Nahhas, William
Antiemetic Actions in Patients
Receiving Cisplatin Chemotherapy
Marion Merrill Dow, Inc.
\$8,590

Olson, James
Mechanisms of Cytotoxic Brain
Damage
National Institutes of Health - NINDS
\$1,259

Olson, James and DeLorenzo, Robert
MRI Evaluation of Brain Water
Homeostasis
Kettering Medical Center
\$1,517

Ponichtera-Mulcare, Janet
Ergometer Modification
Dayton Area Veterans Affairs
Medical Center
2,500

Reo, Nicholas
Hepatic Toxicity of Perfluorinated
Carboxylic Acids
Air Force Office of Scientific Research
\$107,635

Siegal, Harvey
Enhancing HIV Risk Reduction
Through Case Management
National Institute on Drug Abuse
\$174,867

Siegal, Harvey
Enhanced Treatment Through
Induction and Case Management
National Institute on Drug Abuse
\$1,003,120

Siervogel, Roger;
Chumlea, Wm. Cameron;
Guo, Shumei; and Roche, Alexander
Subcutaneous Fat, Blood Lipids and
Subsequent Outcome
National Institutes of Health - NICHD
\$895,601

Sorg, Timothy
H. influenzae Vaccine and Prevention
of Hearing Loss
Deafness Research Foundation
\$14,960

Trulzsch, Dietmar
A Comparison of Ranitidine in
Duodenal Ulcer Treatment
Glaxo, Inc.
\$4,070

**SCHOOLS OF
MEDICINE, NURSING, AND
PROFESSIONAL PSYCHOLOGY**

Maurana, Cheryl; Bent, Russell;
Goldenberg, Kim; and Swart, Jane
Community Partnerships Initiative
W.K. Kellogg Foundation
\$6,000

Maurana, Cheryl; Bent, Russell;
Goldenberg, Kim; and Swart, Jane
Sinclair Community College/ Action
Fund Cost-Share
Sinclair Community College
\$11,800

Maurana, Cheryl; Bent, Russell;
Goldenberg, Kim; and Swart, Jane
Community Partnerships Initiative
W.K. Kellogg Foundation
\$634,510

Maurana, Cheryl; Bent, Russell;
Goldenberg, Kim; and Swart, Jane
Development of Health Promotion
Programs for Pregnant Women
Ohio Department of Health
\$50,000

**SCHOOL OF
NURSING**

Fowler, Barbara
Leadership Development Program -
Fowler
W.K. Kellogg Foundation
\$34,565

**SCHOOL OF
PROFESSIONAL PSYCHOLOGY**

Bent, Russell
Traineeship
Montgomery County Board of Mental
Retardation and Developmental
Disabilities
\$2,500

Bent, Russell
Traineeship
St. Joseph's Children's Treatment
Center Inc.
\$2,500

Bent, Russell
Traineeship
Malkoff and Associates, Inc.
\$5,100

Bent, Russell
Traineeship
St. Elizabeth Hospital
\$2,500

Bent, Russell
Males Responsibility Program
Dayton Urban League
\$4,000

Bent, Russell
Traineeship
Giovanni Bonds and Associates
\$5,000

Bent, Russell
Traineeship
Central State University
\$5,000

Bent, Russell
Traineeship
Positive Perspectives, Inc.
\$9,583

Hammond, Rodney
Positive Adolescent Choices Training
Governor's Office of Criminal Justice
Services
\$88,198

Hammond, Rodney
Positive Emotional Capacity
Enhancement (P.E.C.E.)
DHHS: Health Resources and Services
Administration
\$150,000

**COLLEGE OF SCIENCE
AND MATHEMATICS**

Arlian, Larry
Evaluation of Drugs for Control of
Sarcoptes scabiei
Merck Research Laboratories
\$6,414

Arlian, Larry
Small Instrumentation Grant
National Institutes of Health - NIAID
\$8,847

Burton, G. Allen
Toxicity Evaluation of the Saginaw
Treatability Project
US-EPA Great Lakes Office
\$22,625

Carmichael, Wayne
Biological Extracts
Miscellaneous Industrial Sponsors
\$44,192

Carmichael, Wayne
New Cultures/Natural Products
Testing Agreement
Eli Lilly/Dowelanco
\$30,000

Cummings, Sue and Battino, Rubin
Chemistry Outreach Programs - III
The Martha Holden Jennings
Foundation
\$15,000

Kozlowski, Gregory
High Temperature Superconducting
Conductors
Southeastern Center for Electrical
Engineering Education
\$6,060

McKee, Terry
Intersection Multigraphs and Related
Constructs
Office of Naval Research
\$29,232

Rote, Neal
Renovation of Research Space for
Microbiology and Immunology
National Science Foundation
\$309,500

Svobodny, Thomas
Control Theory-Nonlinear Partial
Differential Equations
Office of Naval Research
\$30,004

Tiernan, Thomas
Preparation of Environmental
Analytical Standards
Southwest Laboratory of Oklahoma,
Inc.
\$1,100

Tiernan, Thomas
TCDD/TCDF in Food Grade Paper
Dexter Nonwovens Division
\$2,000

Tiernan, Thomas
Toxic Organics in Pulp, Sludge and
Aqueous Effluents
St. Anne-Nackawic Pulp Co., Ltd.
\$12,800

Tiernan, Thomas
Toxic Components/Precursors in
Paper Pulp and Wastes
Container Corporation of America
\$8,000

Tiernan, Thomas
PCDD/PCDF in Aqueous Discharges
City of Jackson, Michigan
\$8,400

Tiernan, Thomas
Thermal and BCD Treatment of
Contaminated Soils
SoilTech ATP Systems, Inc.
\$32,625

Tiernan, Thomas
Characterization of Paper Mill Waste
for PCDD/PCDF
Mead Paper Company
\$165,400

=====INSTRUCTIONAL SERVICES

Chuck, Linn
Uniform Commutation Allowance
USAF: AFROTC
\$17,693

Shearer, Anne
Upward Bound - Math/Science
Project
U.S. Department of Education
\$227,949

=====STUDENT SERVICES

Morris, Katherine
Artist Series
Ohio Arts Council
\$6,250

Vernooy, Jeffrey
Windmills
USAF - Wright-Patterson AFB
\$4,000

*The Office of Research and Sponsored Programs' staff recognizes the efforts of all
proposal writers at Wright State.*

*We congratulate those receiving external funds and encourage those with unfunded
proposals to consult with us about resubmission.*

Research News

Office of Research and
Sponsored Programs
356 Fawcett Hall
Wright State University
Dayton, Ohio 45435
(513) 873-2425

WSU Research Council Grants Total \$85,366

The Research Council is pleased to announce that it has awarded grants to 18 faculty members to support their research and professional development. Twenty eight proposals were submitted to the Research Initiation Grant competition with 10 selected for total funding of \$69,466. The Professional Development Grant competition attracted eleven proposals of which eight were funded for a total of \$15,900. The awardees are:

Research Initiation

Cheng, Songlin	Nitrogen Contamination from Corn and Soybean Fields to Ground Water	SM	6,093
Svobodny, Thomas	Computational Hybrid-Control Techniques in Hydrodynamics	SM	4,000
White, Richard	Ca ²⁺ -activated Potassium Channels in Coronary Artery	SM	7,500
Scherer, Robert	Training, Gender and Competency: Federal Healthcare Management	COBA	7,500
Naishadham, Krishna	Analysis of the Electromagnetic Performances of Electronic Packages	ECS	7,500
Pringle, Drew	CV Drift and Skin Blood Flow in Lean and Obese Subjects During Steady State Exercise	ED	7,396
Malloy, Kathleen	Domestic Violence: Comparing Treatment Modalities	SOPP	7,000
Towne, Bradford	Subjects Follow-up for Genetics of Hypertension Study	SOM	7,477
Hwang, Dah-Ren	Mapping a Serotonin-1A Receptors Involved in Emetic Mechanisms	SOM	7,500
Martin, Patricia	Sound Levels and Preterm Infant Responses in NICU	SON	7,500

Professional Development

Amon, James	Investigation of Wetland Restoration and Creation	SM	2,000
Miller, David	Sabbatical Research Travel	SM	2,000
Ping, Robert	Reactions to Problems in Boundary Spanner Relationships	COBA	2,000
Kleine, Patricia	A Comparison of Russian and American Women Administrators	ED	2,000
Ackerly, Gary	Guidelines for Dealing With Impaired Psychology Students	SOPP	2,000
Coughlan, Elizabeth	Democratization and the Military in Poland	LA	2,000
Leung, Jackson	French Piano Institute	LA	1,900
Taylor, Charles	Hypermedia Nietzsche	LA	2,000

Mr. Phillip V. Spina	Director
Ms. Lori Gabriel	Assistant Director
Dr. Eugene P. Hern	Assistant Director
Mr. Leon J. Testas	Assistant Director
Ms. Joycelyn Boltnott	Secretary for Human Subject Compliance
Ms. Jackie Frederick	Proposal/Award Management Technician
Ms. Cheryl Nickoson	Proposal/Award Management Technician
Ms. Janice Power	Research Information Dissemination Technician
Ms. Rachel Dazey	Undergraduate Assistant
Ms. Tracie Feldman	Undergraduate Assistant
Ms. Amy Greenwald	Undergraduate Assistant
Ms. Shelley Cook	Undergraduate Assistant

RSP Staff